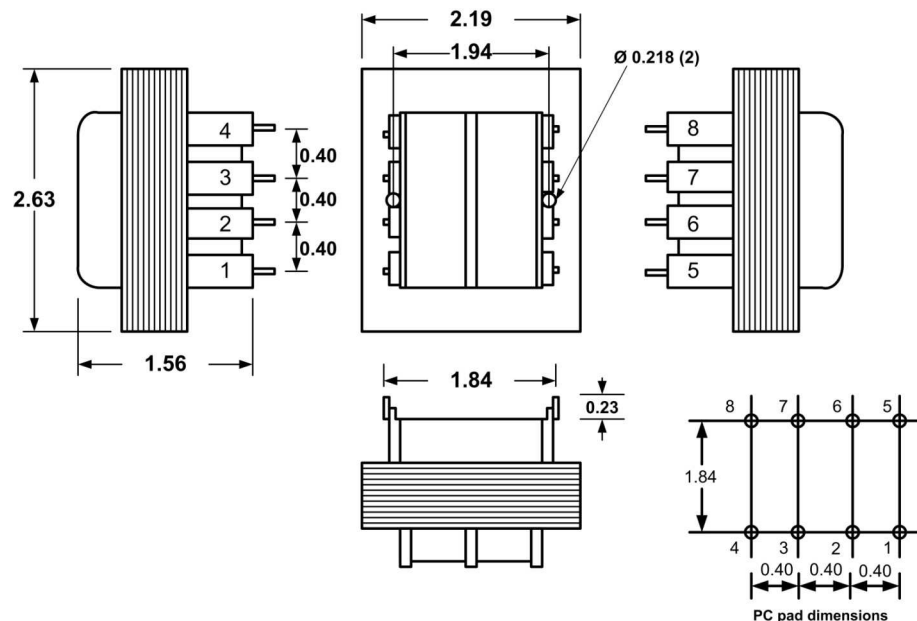


CAPTAIN CLASS - PRINTED CIRCUIT MOUNT, STANDARD PROFILE POWER TRANSFORMER



1. Electrical Specifications

- Maximum Power: 36VA
- Input Voltage and Frequency: 115V, 115/230V, 230V @ 50/60Hz
- Voltage Regulation: 13% TYP @ Full Load to No Load
- Temperature Rise: 40°C TYP
- Insulation Resistance: > 1 MEG ohm
- Hi-Pot: 2500 Vrms 1 minute @ Pri to Sec
2500 Vrms 1 minute @ Pri to Core
1500 Vrms 1 minute @ Sec to Core

2. Marking: Ensign Corp, part number (see table), date code, terminal numbers

3. Safety:

UL/cUL 5085-2 Recognized (File 47299)

UL 1446 Recognized Insulation System (File 95662)



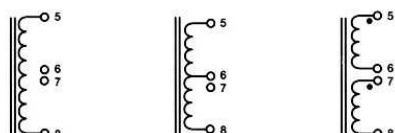
Primary Schematics



Single Input
(Specify 115V, 120V, 230V or 240V)

Dual Input
(Specify 115/230V or 120/240V)

Secondary Schematics



Single Output

Center-Tapped Output

Dual Output

Part No.				
115V	115/230V	230V	Series Connection	Parallel Connection
P036-1-010X	P036-2-010X	P036-3-010X	10VCT @ 3.6A	5V @ 7.2A
P036-1-012X	P036-2-012X	P036-3-012X	12.6VCT @ 2.85A	6.3V @ 5.7A
P036-1-016X	P036-2-016X	P036-3-016X	16VCT @ 2.25A	8V @ 4.5A
P036-1-020X	P036-2-020X	P036-3-020X	20VCT @ 1.8A	10V @ 3.6A
P036-1-024X	P036-2-024X	P036-3-024X	24VCT @ 1.5A	12V @ 3.0A
P036-1-028X	P036-2-028X	P036-3-028X	28VCT @ 1.3A	14V @ 2.6A
P036-1-036X	P036-2-036X	P036-3-036X	36VCT @ 1.0A	18V @ 2.0A
P036-1-048X	P036-2-048X	P036-3-048X	48VCT @ 0.75A	24V @ 1.5A
P036-1-056X	P036-2-056X	P036-3-056X	56VCT @ 0.65A	28V @ 1.3A
P036-1-120X	P036-2-120X	P036-3-120X	120VCT @ 0.3A	60V @ 0.6A



POWER TRANSFORMER CAPTAIN CLASS

P036-1-XXXX
P036-2-XXXX
P036-3-XXXX

CONTENTS OF THIS DRAWING ARE SUBJECT TO
CHANGE WITHOUT PRIOR NOTICE

Ensign Corporation
201 ENSIGN RD., BELLEVUE, IA 52031

Dim: Inches

Sheet 1 of 1

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